1	PLURAL UNIT	38	Hollow shield around filament
2.1	.Cathode ray tube		or cathode
3	.Inter-electrode connection	39	.For electrode within an envelope
5	.Control electrode unit	40	Radiating type surface
6	Plural control electrode units	41	Material, roughened surface
7	WITH EVACUATING PUMP	42	.Mounted on lead-in or electrode
8	ARC AND SEPARATE INCANDESCENT		support
Ü	BODY	43	.For lead-in-seal or stem
9	FILAMENT AND SEPARATE		protection
)	INCANDESCENT BODY	44	.For envelope wall
10		45	.Radiating type surface
11	WITH TEMPERATURE INDICATOR	46	.Having heat conducting path
11.5	WITH TEMPERATURE MODIFIER	47	.Heat conserving or insulating
	.Spark plug type		type
12	.Recirculating systems	48	WITH HANDLE
13	.Having control means for the	49	WITH DETACHABLE ELECTRICAL
	temperature modifier	10	CONNECTOR OR SUPPORT
14	.Pyroelectric type device	50	
15	.Electric heater		Resilient or vibration damping
16	For liquid electrode	51	.Electrical connector
17	.Double wall, jacket or casing	52	CONVERTIBLE
	for envelope	53	FLAME OR EXPLOSION TYPE
18	For conductive envelope devices	54	WITH RADIOACTIVE MATERIAL
19	With plural electrode	62	CYCLOTRONS
	temperature modifying	359.1	WITH POSITIVE OR NEGATIVE ION
20	With internal temperature		ACCELERATION
	modifying baffle	360.1	.Plural apertured electrodes
21	Cylindrical electrode type	361.1	.Means for deflecting or focusing
	envelope	362.1	.Supplying ionizable material
22	Fluid circulation type		(e.g., gas or vapor)
23	Plural electrode temperature	363.1	.Extraction or target electrode
	modifying	364	CATHODE RAY TUBE
24	Flow directing means in casing	365	.Image pickup tube
25	Sealed casing for envelope	366	Semiconductor depletion layer
26	Integral double wall type of		type
20	envelope	367	Mosaic
27	<del>-</del>	368	Plural junction
21	Heat conserving or insulating	369	Mechanically responsive (e.g.,
2.0	type	307	sound)
28	Plural electrode temperature	370	Particular transparent
0.0	modifying	370	conductor
29	.For liquid electrode	371	With optical element
30	.Hollow electrode or lead		_
31	Tubular coil electrode	372	Light conducting fiber or rod
32	Closed duct type (e.g., for	373	With photoemissive cathode
	liquid)	374	Mosaic
33	.Envelope with internal	375	Plural photoemissive layers
	temperature modifying baffle	376	With target
34	.Envelope with condensing chamber	377	Secondary electron emissive
	or surface	378	Support
35	.Using liquids or fluid flow	379	Secondary electron emissive
	directing means	380	Special ray sensitive
36	Jacket or casing	381	Image dissector
37	.For filament or heated cathode	382	Focusing
		383	Electrode or electrode support

384	Photoconductive	429	Field varied near screen
385	Layer composition		<pre>(i.e., post deflection)</pre>
386	Plural layers	430	By external element
387	Secondary electron emissive	431	Plural magnetic
388	Special ray sensitive	432	Electrostatic
389	Focusing	433	Magnetic
390	Electrode or electrode support	434	Nonparallel or asymmetric
391		435	_
	Storage		Nonplanar
392	Depletion layer type storage	436	Enclosed or overlapping
	element	437	With distortion correction
393	Double ended	438	With support
394	Continuous storage element	439	Electrostatic
395	Foraminous storage element	440	With yoke
396	With non-beaming gun	441	.Ray generating or control
397	With display	442	With magnetic focus
398	Integral or contiguous storage	443	Internal
	and display element	444	Sandwiched electrodes
399	.Secondary emissive electrode	445	Canted electrode (i.e., ion
400	With display	113	trap)
401	Monoscope	446	Including cathode assembly
402	-	447	With control grid adjacent
	Shadow mask, support or shield	447	
403	Non-circular aperture	4.40	cathode
404	With resilient support	448	With anode
405	Bimetallic	449	With additional electrode
406	With studs	450	With coating or spiral
407	With frame		electrode
408	With screen	451	With support
409	.Plural beam generating or	452	With focus electrode adjacent
	control		cathode
410	With character forming	453	Noncircular beam type
	electrode	454	Nonplanar cathode
411	One cathode source of plural	455	Brillouin beam type
	beams	456	With support for electrode
412	Convergence	457	Parallel rod type
413	With deflection	458	Electrode
414		459	Movable
414	With focusing and accelerating		
415	electrodes	460	Plural
415	With screen	461	.Screen
416	Including non-planar elements	462	Scale or graticule
417	With electrode support	463	Electroluminescent
418	.Signal translating output	464	Incandescent type
	electrode	465	Light valve type
419	Plural	466	Nonluminescent layer
420	.Electron permeable window	467	Phosphor composition
421	.Beam deflecting means	468	Rare earth
422	Flat tube type	469	Embedded in face plate
423	Electron reflecting mirror	470	Mosaic
424	Ion trap	471	Beam indexing element
425	Centering		_
		472	Dot type
426	Plural	473	Plural layer type
427	Three or more	474	With optics
428	With convergence	475	Light conducting fiber or rod
		476	Support

	_	400	
477 R	.Envelope	489	With protective coating or
478	With external optical element		filter
479	Coating or shielding	490	With amalgam
480	Composition	491	Electrode structure or
481	With getter or gas		material
482	Support for electrode or envelope	492	With shield or additional electrode
477 HC	With details of high-voltage	493	Envelope structure or material
	connector	494	.Coplanar electrodes
93	GEIGER-MUELLER TYPE	495	.Vacuum-type tube
523	PHOTOSENSITIVE	496	Phosphor on anode segments
524	.With optical device	497	With accelerating or control
525	.Having phosphor screen		electrode
526	Proximity focus type	498	.Solid-state type
527	Photocathode responsive to	499	Semiconductor depletion layer
	phosphor		type
528	With electron multiplier	500	Matrix or array
529	With control electrode	501	Light conversion
530	With photocathode on envelope	502	With phosphor embedding
531	.Having plural photosensitive		material
	electrodes	503	With particular phosphor or
532	.Photomultiplier		electrode material
533	Having plural dynodes	504	Organic phosphor
534	Channel or circular type	505	With electrode matrix
535	Venetian blind type	506	Plural layers
536	Box or linear type	507	With photosensitive layer
537	.Having a control electrode	508	With piezoelectric layer
538	.Gas phototube	509	With dielectric layer
539	.Responsive to ultraviolet	510	With character display (e.g.,
	radiation		digits or letters)
540	.Having plural anodes or cathodes	511	Flexible
541	.Having photocathode on tube wall	512	With envelope or encapsulation
542	.Photocathode	513	WITH CHARACTER DISPLAY (E.G.,
543	With phosphor		DIGITS OR LETTERS)
544	With envelope	514	.Gaseous discharge medium
103 R	.Secondary emitter type (e.g.,	515	With character-shaped envelope
	electron multiplier)	516	Electrode with character-shaped
103 CM	Channel multiplier		aperture
104	.Plural secondary emissive	517	With electrode display segments
	electrodes	518	With dielectric layer or
105 R	Three or more		coating
105 CM	Channel multiplier	519	Multiple display (i.e., side-
106	SECONDARY EMISSION PREVENTION		by-side)
107	.Nonemissive material	520	With integrant display
107.5	VARIABLE WIDTH ELECTRON STREAM		electrode
	(E.G., MAGIC EYE)	521	Stacked electrodes (i.e.,
483	WITH LUMINESCENT SOLID OR LIQUID		superimposed)
	MATERIAL	522	.Incandescent filament display
484	.With gaseous discharge medium	110	WITH OPTICAL DEVICE OR SPECIAL
485	Phosphor on envelope wall		RAY TRANSMISSIVE ENVELOPE
486	Including particular phosphor	111	.Plural diverse optical devices
487	Plural	112	.Polarizer or special ray
488	Aperture-type tube		transmission (e.g., filter)
		113	.Reflector

114	Plural reflectors	148	.Movable envelope wall
115	Multiple filament lamps	149	.Rotary
116	.Light diffusing	150	.Movable liquid electrode
117	.Light valve or obscuring means	151	.Thermal actuator
118	SPARK PLUGS	152	.Magnetic actuator
119	.Sealing-off valve for electrode	153	WITH MAGNETIC DEVICE
	chamber	154	.For generating plural fields
120	.With fluid feed or air vent	155	.Electrode generates field
121	.Reversible (e.g., part)	156	.Field transverse to discharge
122	.Removable electrode on shell	157	Concentrically arranged
123	.Plural series gaps		electrode with axial field
124	Intensifier in center electrode	158	Pole pieces facing electrode
	lead-in	200	ends
125	.Movable electrode (e.g., for	159	Electrode support penetrates
123	cleaning, adjustable)	137	pole piece
126	Automatically moved (e.g.,	160	.With envelope
120	engine vibration)	161	
127	-	162	Gas or vapor type
	.Cleaner (e.g., movable scraper)		Three or more electrodes
128	.Plural insulated electrodes with	163	LIQUID ELECTRODE DISCHARGE
100	individual lead-in		DEVICES
129	.With transparent part	164	.Shock absorber for liquid
130	.Non-conducting material in or	165	.Plural liquid electrodes
	adjacent gap (e.g., restricts	166	.Starting band or external
	spark)		electrode
131 R	Non-shortest line spark and	167	.Apertured electrode (e.g., grid)
	surface spark type		interposed in discharge space
131 A	Spark plugs with	168	.Plural anodes in separate
	semiconductive material at the		envelope chambers
	gap	169	.Plural anodes with anode arc
132	.Capillary groove or space		shield
133	.Ball electrode	170	.Auxiliary starting or holding
134	.With radio shielding		electrode
135	.With particular connector	171	Immersed in liquid electrode
	structure	172	.Liquid in contact with plural
136	.Plural part center electrode		electrodes
	lead-in	173	.Cathode spot anchoring
137	.Plural part insulating means	545	HAVING VALVE WITH GETTER, GAS/
138	.Electrodes are pure figures of	3 13	VAPOR GENERATING MATERIAL OR
	revolution about plug axis		PRESSURE CONTROL MEANS
139	.Ring or disk electrode (e.g.,	546	WITH FRANGIBLE CAPSULE CONTAINING
	sector)	310	GETTER, GAS OR VAPOR
140	.Plural parallel gaps (e.g., main		GENERATING MATERIAL
110	and standby, serrated	547	HAVING HEATING MEANS TO CONTROL
	electrode)	517	GAS/VAPOR, GAS OR VAPOR
141	.Particular electrode structure		GENERATING MEANS, OR GETTER
	or spacing		MEANS
142		548	
142	Gap on and along axis	549	.Incandescent lamp gettering
143	.Shaped electrode chamber,	550	.Discharge device gettering
	insulator end, shell skirt,		.Vapor generating
1 / /	baffle or gas directing means	551	.Gas generating
144	.With specific joint structure	552	HAVING PRESSURE CONTROL OF GAS OR
145	Between center electrode and	F.F.	VAPOR
1.46	insulator	553	WITH GETTER
146	WITH MOVABLE ELECTRODE OR SHIELD	554	.Plural
147	.Plural	555	Diverse

556	.And vapor generator	593	Plural
557	.Incandescent lamp type	594	Start electrode exterior to
558	.Electrode includes getter,		envelope
	supports getter, or is	595	Internal start or control
	connected to getter		electrode between discharge
559	.Mounted on electrode support		electrodes
560	.With structure to direct or	596	Strip electrode
	shield from getter	597	Interposed apertured electrode
561	.With contained getter	598	Mean free-path spacing
562	.Gas or vapor device type	599	Plural serial apertured
563	HAVING GAS GENERATING MATERIAL		electrodes
564	HAVING VAPOR GENERATING MATERIAL	600	Two interposed electrodes
565	.Mercury vapor material	601	Start electrode not in main
566	.Electrode or electrode support		discharge path
	includes material	602	Trigger electrode concentric
567	WITH GAS OR VAPOR		with discharge electrode
568	.Having a particular total or	603	Triggerable vacuum gap device
	partial pressure	604	Plural serial electrodes
569	Incandescent lamp	605	.Mean free-path spacing of
570	Greater than 760 torr		envelope portions or content
571	Includes mercury in gas or		parts
	vapor fill	606	Electrode spacing related to
572	One torr thru 760 torr		mean free path length
573	Having specified envelope	607	.Having electrode exterior to
	detail		envelope
574	With electrode structure	608	.Single electrode type discharge
575	Composite		device, or including
576	With rare gas		particulate material
577	Less than .1 torr	609	.Having baffle, partition, or
578	.Incandescent filament lamp		constricting means affecting
579	Tungsten-halogen cycle lamp		discharge
580	With filter, barrier, screen,	610	Partition
	shield, electric terminal or	611	Constriction means
	fuse	612	Substantially the full length
581	.Three or more electrode		of discharge path
	discharge device	613	.Having electrode shield
582	Multiple gaseous discharge	614	With anode shield
	display panel	615	Crater electrode with shield
583	Having electric terminal	616	With positive ion or cathode
	detail		shield
584	Having intersecting electrode	617	.Having spur electrode
	sets	618	.Having hollow cathode
585	With three sets of electrodes	619	.Negative or cathode glow device
586	With dielectric member	620	.Having specified electrode
587	And additional layer on		spacing
	member	621	.Having electrodes with
588	Amplifier, cathanode, or ionic		geometrical relationship
	cathode	622	.Discharge device with diverse
589	Counter, indicator, or		electrodes
	switching tube	623	.Having electrode lead-in or
590	With shield to prevent		electrode support sealed to
	discharge between electrodes		envelope
591	Having cathode heater	624	End cap seal
592	With control electrode	625	End plug seal
		626	.Having lead-in shield

627	.Having electrode heated by space discharge current	242	Shield supported by or forming part of envelope stem
628	Coil type	243	.For plural electrodes of
629		213	discharge device
630	.Having electrode of alkali,	244	Envelope supports or forms
030	alkaline or rare earth	211	electrode
	material	245	
631		245	Plural discharge spaces formed by three or more electrodes
031	.Having particular electrode structure	246	-
632	Cathode or anode	240	Electrode forms part of
633		247	envelopeHollow electrode with another
	.Electrode composition	2 <del>4</del> /	
634	.Envelope with particular		electrode supported by end structure
635	structure	248	Conductive envelope supports
	Envelope layer or coating	240	plural electrodes
636	Envelope composition	249	
637	.With particular gas or vapor	249	Elongated envelope with electrodes spaced along length
638 639	With metal vapor	250	With spacer between
	Mercury vapor	230	electrodes or electrode
640 641	And rare earth metal		supports
642	With rare gas	251	Plural electrodes supported
643	And rare gas	231	along the length of a wire,
230	One or more rare gases DISCHARGE DEVICE WITH POSITIVE		rod, or tube
230	ION EMITTER	252	Support structure supported by
231.01	FLUENT MATERIAL SUPPLY OR FLOW		the envelope
231.01	DIRECTING MEANS	253	At spaced or opposed portions
231.11	.Lightning or surge arrester		of envelope
231.21	Expulsion type	254	At three or more portions of
231.31	.Plasma		envelope
231.41	Arc discharge type	255	Same electrode supported by
231.51	With tangential fluent supply		spaced or opposed portions
231.61	Electromagnetic output (i.e.,	256	Insulating or ceramic support
	light)		rod or tube
231.71	.Arc discharge lamp or radiation	257	With spacer between electrode
231.71	source		or electrode supports
232	ELECTRODES IMMERSED IN LIQUID	258	Spacer between envelope and
233	INVOLVING PARTICULAR DEGREE OF		support or electrode
	VACUUM	259	Insulating coating forms
234	ELECTRODE EXTERIOR TO ENVELOPE		spacer
235	IMPERFECT ELECTRICAL CONTACT	260	Plate or bar extending
	BETWEEN ELECTRODES		across ends of electrodes
236	STAND-BY ELECTRODE TYPE (WITH	261	Plates or bars at opposed
	SPARE ELECTRODE)		ends of electrodes
237	WITH ELECTRODE REPLACEMENT MEANS	262	Ceramic bead for joining
	OR DEMOUNTABLE		parts
238	WITH SUPPORT AND/OR SPACING	263	With indirectly heated
	STRUCTURE FOR ELECTRODE AND/OR		cathode
	SHIELD	264	With U-shaped, V-shaped, or
239	.For shield		plural sections filament
240	Shield supported by electrode,	265	Apertured electrode (e.g.,
	electrode support, or spacer		grid) supported between two
241	Extending across ends of	266	other electrodes
	plural discharge device	266	Stem or envelope structure
	electrodes	267	Plural rod electrodes

268	Insulating spacer between discharge electrodes	300	Three or more serially arranged
269	.With vibration damping device	301	Plural interelectrode discharge
270	.For indirectly heated cathode		spaces
271	.For filament	302	.Plural cathodes
272	Plural filaments	303	.Three or more nonemissive
273	Plural section filament		electrodes (e.g., plural
274	Supports supported by opposed		anodes)
271	parts of envelope	304	.Plural-parallel-section cathode
275	Insulator supports filament		with electrode surrounding
276	Conductive member supports		each section
270	insulator	305	DISCHARGE HEATED ANODE TYPE
277	Insulating standard supports	303	(E.G., CATHANODE)
211	filament brackets or anchors	306	DISCHARGE DEVICES HAVING THREE OR
270		300	MORE ELECTRODES
278	Tension device for filament	307	.Four or more electrodes
279	Support intermediate of	308	.Discharge control electrode
001	filament ends	309	DISCHARGE DEVICES HAVING A
281	.Support mounted in or around	309	
	aperture in conductive wall or		MULTIPOINTED OR SERRATED EDGE
	plate	210	ELECTRODE
282	.Conductive envelope supports	310	DISCHARGE DEVICES HAVING A
	electrode	211	THERMIONIC OR EMISSIVE CATHODE
283	.Electrode supported by envelope	311	DISCHARGE DEVICES HAVING AN
284	Electrode supporting member		ELECTRODE OF PARTICULAR
	supported by envelope	0.1.0	MATERIAL
285	Supporting wire, rod, or tube	312	WITH CASING OF JACKET FOR
	supported by envelope	0.1.0	ENVELOPE
286	At spaced or opposed portions	313	WITH ELECTRICAL SHIELD OR STATIC
	of envelope		CHARGE DISTRIBUTION MEANS
287	of envelopeSupport collar surrounding	314	NONREPAIRABLE
287		315	NONREPAIRABLE INCANDESCENT LAMPS
287 288	Support collar surrounding		NONREPAIRABLE
	Support collar surrounding envelope stem	315	NONREPAIRABLE INCANDESCENT LAMPS
	<ul><li>Support collar surrounding envelope stem</li><li>Spacer between envelope and</li></ul>	315 316	NONREPAIRABLE INCANDESCENT LAMPS .Plural filaments or glowers
288	<ul><li>Support collar surrounding envelope stem</li><li>Spacer between envelope and support or electrode</li></ul>	315 316 317	NONREPAIRABLE INCANDESCENT LAMPS .Plural filaments or glowers WITH ENVELOPE
288 289	<ul><li>Support collar surrounding envelope stem</li><li>Spacer between envelope and support or electrode</li><li>Ceramic or insulating support</li></ul>	315 316 317 318.01	NONREPAIRABLE INCANDESCENT LAMPS .Plural filaments or glowers WITH ENVELOPE .Having base and connector
288 289 290	<ul><li>Support collar surrounding envelope stem</li><li>Spacer between envelope and support or electrode</li><li>Ceramic or insulating support</li><li>Stem or envelope structure</li></ul>	315 316 317 318.01	NONREPAIRABLE INCANDESCENT LAMPS .Plural filaments or glowers WITH ENVELOPE .Having base and connectorSecure to each end of a double-
288 289 290	<ul> <li>Support collar surrounding envelope stem</li> <li>Spacer between envelope and support or electrode</li> <li>Ceramic or insulating support</li> <li>Stem or envelope structure</li> <li>Electrode formed by coating on envelope</li> </ul>	315 316 317 318.01 318.02	NONREPAIRABLE INCANDESCENT LAMPS .Plural filaments or glowers WITH ENVELOPE .Having base and connectorSecure to each end of a double- ended or tubular envelope
288 289 290 291	<ul> <li>Support collar surrounding envelope stem</li> <li>Spacer between envelope and support or electrode</li> <li>Ceramic or insulating support</li> <li>Stem or envelope structure</li> <li>Electrode formed by coating on</li> </ul>	315 316 317 318.01 318.02	NONREPAIRABLE INCANDESCENT LAMPS .Plural filaments or glowers WITH ENVELOPE .Having base and connectorSecure to each end of a double- ended or tubular envelopeHaving an annular contact
288 289 290 291	<ul> <li>Support collar surrounding envelope stem</li> <li>Spacer between envelope and support or electrode</li> <li>Ceramic or insulating support</li> <li>Stem or envelope structure</li> <li>Electrode formed by coating on envelope</li> <li>.Supporting and/or spacing</li> </ul>	315 316 317 318.01 318.02	NONREPAIRABLE INCANDESCENT LAMPS .Plural filaments or glowers WITH ENVELOPE .Having base and connectorSecure to each end of a double- ended or tubular envelopeHaving an annular contact disposed concentrically about
288 289 290 291 292	<ul> <li>Support collar surrounding envelope stem</li> <li>Spacer between envelope and support or electrode</li> <li>Ceramic or insulating support</li> <li>Stem or envelope structure</li> <li>Electrode formed by coating on envelope</li> <li>.Supporting and/or spacing elements</li> </ul>	315 316 317 318.01 318.02	NONREPAIRABLE INCANDESCENT LAMPS .Plural filaments or glowers WITH ENVELOPE .Having base and connectorSecure to each end of a double-ended or tubular envelopeHaving an annular contact disposed concentrically about the longitudinal axis of the
288 289 290 291 292	<ul> <li>Support collar surrounding envelope stem</li> <li>Spacer between envelope and support or electrode</li> <li>Ceramic or insulating support</li> <li>Stem or envelope structure</li> <li>Electrode formed by coating on envelope</li> <li>.Supporting and/or spacing elements</li> <li>DISCHARGING DEVICES WITH</li> </ul>	315 316 317 318.01 318.02 318.03	NONREPAIRABLE INCANDESCENT LAMPS .Plural filaments or glowers WITH ENVELOPE .Having base and connectorSecure to each end of a double-ended or tubular envelopeHaving an annular contact disposed concentrically about the longitudinal axis of the envelope
288 289 290 291 292	<ul> <li>Support collar surrounding envelope stem</li> <li>Spacer between envelope and support or electrode</li> <li>Ceramic or insulating support</li> <li>Stem or envelope structure</li> <li>Electrode formed by coating on envelope</li> <li>.Supporting and/or spacing elements</li> <li>DISCHARGING DEVICES WITH APERTURED ELECTRODE (E.G.,</li> </ul>	315 316 317 318.01 318.02 318.03	NONREPAIRABLE INCANDESCENT LAMPS .Plural filaments or glowers WITH ENVELOPE .Having base and connectorSecure to each end of a double-ended or tubular envelopeHaving an annular contact   disposed concentrically about   the longitudinal axis of the   envelopeHaving screw thread coupling
288 289 290 291 292	<ul> <li>Support collar surrounding envelope stem</li> <li>Spacer between envelope and support or electrode</li> <li>Ceramic or insulating support</li> <li>Stem or envelope structure</li> <li>Electrode formed by coating on envelope</li> <li>.Supporting and/or spacing elements</li> <li>DISCHARGING DEVICES WITH  APERTURED ELECTRODE (E.G., GRID) INTERPOSED BETWEEN TWO ELECTRODES</li> </ul>	315 316 317 318.01 318.02 318.03	NONREPAIRABLE INCANDESCENT LAMPS .Plural filaments or glowers WITH ENVELOPE .Having base and connectorSecure to each end of a double-ended or tubular envelopeHaving an annular contact disposed concentrically about the longitudinal axis of the envelopeHaving screw thread coupling contact
288 289 290 291 292 293	<ul> <li>Support collar surrounding envelope stem</li> <li>Spacer between envelope and support or electrode</li> <li>Ceramic or insulating support</li> <li>Stem or envelope structure</li> <li>Electrode formed by coating on envelope</li> <li>.Supporting and/or spacing elements</li> <li>DISCHARGING DEVICES WITH  APERTURED ELECTRODE (E.G., GRID) INTERPOSED BETWEEN TWO</li> </ul>	315 316 317 318.01 318.02 318.03	NONREPAIRABLE INCANDESCENT LAMPS .Plural filaments or glowers WITH ENVELOPE .Having base and connectorSecure to each end of a double-ended or tubular envelopeHaving an annular contact disposed concentrically about the longitudinal axis of the envelopeHaving screw thread coupling contactHaving spaced, longitudinally
288 289 290 291 292 293	<pre>Support collar surrounding    envelope stemSpacer between envelope and    support or electrodeCeramic or insulating supportStem or envelope structureElectrode formed by coating on    envelope .Supporting and/or spacing    elements DISCHARGING DEVICES WITH    APERTURED ELECTRODE (E.G.,    GRID) INTERPOSED BETWEEN TWO    ELECTRODES .Non-uniformly spaced from    another electrode</pre>	315 316 317 318.01 318.02 318.03	NONREPAIRABLE INCANDESCENT LAMPS .Plural filaments or glowers WITH ENVELOPE .Having base and connectorSecure to each end of a double-ended or tubular envelopeHaving an annular contact   disposed concentrically about the longitudinal axis of the envelopeHaving screw thread coupling contactHaving spaced, longitudinally engaging, pronglike contacts
288 289 290 291 292 293	Support collar surrounding envelope stemSpacer between envelope and support or electrodeCeramic or insulating supportStem or envelope structureElectrode formed by coating on envelope .Supporting and/or spacing elements  DISCHARGING DEVICES WITH    APERTURED ELECTRODE (E.G., GRID) INTERPOSED BETWEEN TWO ELECTRODES .Non-uniformly spaced from another electrode .Interposed electrode with non-	315 316 317 318.01 318.02 318.03	NONREPAIRABLE INCANDESCENT LAMPS .Plural filaments or glowers WITH ENVELOPE .Having base and connectorSecure to each end of a double- ended or tubular envelopeHaving an annular contact disposed concentrically about the longitudinal axis of the envelopeHaving screw thread coupling contactHaving spaced, longitudinally engaging, pronglike contactsHaving three or more electrical
288 289 290 291 292 293	Support collar surrounding envelope stemSpacer between envelope and support or electrodeCeramic or insulating supportStem or envelope structureElectrode formed by coating on envelope .Supporting and/or spacing elements  DISCHARGING DEVICES WITH     APERTURED ELECTRODE (E.G., GRID) INTERPOSED BETWEEN TWO ELECTRODES .Non-uniformly spaced from another electrode .Interposed electrode with non-uniform mesh area (e.g.,	315 316 317 318.01 318.02 318.03 318.04 318.05 318.06	NONREPAIRABLE INCANDESCENT LAMPS .Plural filaments or glowers WITH ENVELOPE .Having base and connectorSecure to each end of a double- ended or tubular envelopeHaving an annular contact disposed concentrically about the longitudinal axis of the envelopeHaving screw thread coupling contactHaving spaced, longitudinally engaging, pronglike contactsHaving three or more electrical contacts
288 289 290 291 292 293 294 295	<pre>Support collar surrounding    envelope stemSpacer between envelope and    support or electrodeCeramic or insulating supportStem or envelope structureElectrode formed by coating on    envelope .Supporting and/or spacing    elements DISCHARGING DEVICES WITH    APERTURED ELECTRODE (E.G.,    GRID) INTERPOSED BETWEEN TWO    ELECTRODES .Non-uniformly spaced from    another electrode .Interposed electrode with non-    uniform mesh area (e.g.,    variable mu)</pre>	315 316 317 318.01 318.02 318.03 318.04 318.05 318.06	NONREPAIRABLE INCANDESCENT LAMPS .Plural filaments or glowers WITH ENVELOPE .Having base and connectorSecure to each end of a double- ended or tubular envelopeHaving an annular contact disposed concentrically about the longitudinal axis of the envelopeHaving screw thread coupling contactHaving spaced, longitudinally engaging, pronglike contactsHaving three or more electrical contactsAssociated with pinch (or
288 289 290 291 292 293	<pre>Support collar surrounding     envelope stemSpacer between envelope and     support or electrodeCeramic or insulating supportStem or envelope structureElectrode formed by coating on     envelope .Supporting and/or spacing     elements  DISCHARGING DEVICES WITH     APERTURED ELECTRODE (E.G.,     GRID) INTERPOSED BETWEEN TWO     ELECTRODES .Non-uniformly spaced from     another electrode .Interposed electrode with non-     uniform mesh area (e.g.,     variable mu) .Plural interposed apertured</pre>	315 316 317 318.01 318.02 318.03 318.04 318.05 318.06 318.07	NONREPAIRABLE INCANDESCENT LAMPS .Plural filaments or glowers WITH ENVELOPE .Having base and connectorSecure to each end of a double- ended or tubular envelopeHaving an annular contact disposed concentrically about the longitudinal axis of the envelopeHaving screw thread coupling contactHaving spaced, longitudinally engaging, pronglike contactsHaving three or more electrical contactsAssociated with pinch (or press) seal of envelope
288 289 290 291 292 293 294 295	<pre>Support collar surrounding     envelope stemSpacer between envelope and     support or electrodeCeramic or insulating supportStem or envelope structureElectrode formed by coating on     envelope .Supporting and/or spacing     elements  DISCHARGING DEVICES WITH     APERTURED ELECTRODE (E.G.,     GRID) INTERPOSED BETWEEN TWO     ELECTRODES .Non-uniformly spaced from     another electrode .Interposed electrode with non-     uniform mesh area (e.g.,     variable mu) .Plural interposed apertured     electrodes</pre>	315 316 317 318.01 318.02 318.03 318.04 318.05 318.06 318.07	NONREPAIRABLE INCANDESCENT LAMPS .Plural filaments or glowers WITH ENVELOPE .Having base and connectorSecure to each end of a double- ended or tubular envelopeHaving an annular contact disposed concentrically about the longitudinal axis of the envelopeHaving screw thread coupling contactHaving spaced, longitudinally engaging, pronglike contactsHaving three or more electrical contactsAssociated with pinch (or press) seal of envelopeBase attached to the envelope
288 289 290 291 292 293 294 295 296 297	Support collar surrounding envelope stemSpacer between envelope and support or electrodeCeramic or insulating supportStem or envelope structureElectrode formed by coating on envelope .Supporting and/or spacing elements  DISCHARGING DEVICES WITH     APERTURED ELECTRODE (E.G., GRID) INTERPOSED BETWEEN TWO ELECTRODES .Non-uniformly spaced from another electrode .Interposed electrode with non-uniform mesh area (e.g., variable mu) .Plural interposed apertured electrodesSerially arranged	315 316 317 318.01 318.02 318.03 318.04 318.05 318.06 318.07 318.08	NONREPAIRABLE INCANDESCENT LAMPS .Plural filaments or glowers WITH ENVELOPE .Having base and connectorSecure to each end of a double- ended or tubular envelopeHaving an annular contact disposed concentrically about the longitudinal axis of the envelopeHaving screw thread coupling contactHaving spaced, longitudinally engaging, pronglike contactsHaving three or more electrical contactsAssociated with pinch (or press) seal of envelopeBase attached to the envelope with cement or adhesiveBase attached to the envelope
288 289 290 291 292 293 294 295	Support collar surrounding envelope stemSpacer between envelope and support or electrodeCeramic or insulating supportStem or envelope structureElectrode formed by coating on envelope .Supporting and/or spacing elements  DISCHARGING DEVICES WITH     APERTURED ELECTRODE (E.G., GRID) INTERPOSED BETWEEN TWO ELECTRODES .Non-uniformly spaced from another electrode .Interposed electrode with non-uniform mesh area (e.g., variable mu) .Plural interposed apertured electrodesSerially arrangedPlural interelectrode	315 316 317 318.01 318.02 318.03 318.04 318.05 318.06 318.07 318.08	NONREPAIRABLE INCANDESCENT LAMPS .Plural filaments or glowers WITH ENVELOPE .Having base and connectorSecure to each end of a double- ended or tubular envelopeHaving an annular contact disposed concentrically about the longitudinal axis of the envelopeHaving screw thread coupling contactHaving spaced, longitudinally engaging, pronglike contactsHaving three or more electrical contactsAssociated with pinch (or press) seal of envelopeBase attached to the envelope with cement or adhesive
288 289 290 291 292 293 294 295 296 297 298	Support collar surrounding envelope stemSpacer between envelope and support or electrodeCeramic or insulating supportStem or envelope structureElectrode formed by coating on envelope .Supporting and/or spacing elements  DISCHARGING DEVICES WITH     APERTURED ELECTRODE (E.G., GRID) INTERPOSED BETWEEN TWO ELECTRODES .Non-uniformly spaced from another electrode .Interposed electrode with non-uniform mesh area (e.g., variable mu) .Plural interposed apertured electrodesSerially arrangedPlural interelectrode discharge	315 316 317 318.01 318.02 318.03 318.04 318.05 318.06 318.07 318.08	NONREPAIRABLE INCANDESCENT LAMPS .Plural filaments or glowers WITH ENVELOPE .Having base and connectorSecure to each end of a double- ended or tubular envelopeHaving an annular contact disposed concentrically about the longitudinal axis of the envelopeHaving screw thread coupling contactHaving spaced, longitudinally engaging, pronglike contactsHaving three or more electrical contactsAssociated with pinch (or press) seal of envelope with cement or adhesiveBase attached to the envelope with friction or other
288 289 290 291 292 293 294 295 296 297	Support collar surrounding envelope stemSpacer between envelope and support or electrodeCeramic or insulating supportStem or envelope structureElectrode formed by coating on envelope .Supporting and/or spacing elements  DISCHARGING DEVICES WITH     APERTURED ELECTRODE (E.G., GRID) INTERPOSED BETWEEN TWO ELECTRODES .Non-uniformly spaced from another electrode .Interposed electrode with non-uniform mesh area (e.g., variable mu) .Plural interposed apertured electrodesSerially arrangedPlural interelectrode	315 316 317 318.01 318.02 318.03 318.04 318.05 318.06 318.07 318.08	NONREPAIRABLE INCANDESCENT LAMPS .Plural filaments or glowers WITH ENVELOPE .Having base and connectorSecure to each end of a double- ended or tubular envelopeHaving an annular contact disposed concentrically about the longitudinal axis of the envelopeHaving screw thread coupling contactHaving spaced, longitudinally engaging, pronglike contactsHaving three or more electrical contactsAssociated with pinch (or press) seal of envelope with cement or adhesiveBase attached to the envelope with friction or other

318.1	Resilient mechanical means for attaching the base to the envelope	356 357 358	.Tubular or hollow sleeve .Rods MISCELLANEOUS (E.G., ELECTROLYTIC
318.11	Having a reflector in combination with base	330	LIGHT SOURCE)
318.12	.Having a connector		
323	COMBINED		
324	.With casing or jacket	FORETGN	ART COLLECTIONS
325	MISCELLANEOUS DISCHARGE DEVICES		
326	ELECTRODE AND SHIELD STRUCTURES	FOR	CLASS-RELATED FOREIGN DOCUMENTS
327	<pre>.Self-baking electrodes (e.g.,</pre>	rok	CHASS-RELATED FOREIGN DOCUMENTS
328	.Liquid electrode container		
329	.Mosaic electrodes	DIGESTS	
331	.With lead wire or connector	DIGESIS	
332	Inserted section or material	DIG 7	
333	Filament or wire shield or electrode	DIG 7	BOMBARDMENT INDUCED CONDUCTIVITY
334	Nonmetallic electrode or shield		
335	Rod electrode or shield		
336	.Point source cathodes		
337	.Indirectly heated cathodes		
338	Plural separate cathode		
330	sections		
339	Interior emissive hollow cathodes		
340	Insulating material between		
	heater and cathode		
341	.Filament or resistance heated		
	electrodes		
342	Noninductive		
343	Plural wires or strands		
344	Coiled		
345	Coated		
346 R	.Cathodes containing and/or		
310 K	coated with electron emissive material		
346 DC	Dispensator cathode		
347	.Incandescible upon electron bombardment		
348	.Foraminous electrodes (e.g., grids) or shields		
349	Nonuniform mesh area or		
	nonstraight electrodes or nonuniform cross sectional area electrodes		
350	Rods, wire, or mesh supported		
	on rod or post		
351	_		
J J T	.Multipointed or serrated edge electrode		
352			
	.Composite electrodes or shields		
353	With non-discharge-sustaining portion		
354	Cored rod		
355	Coated or laminated		